

Fig. 1

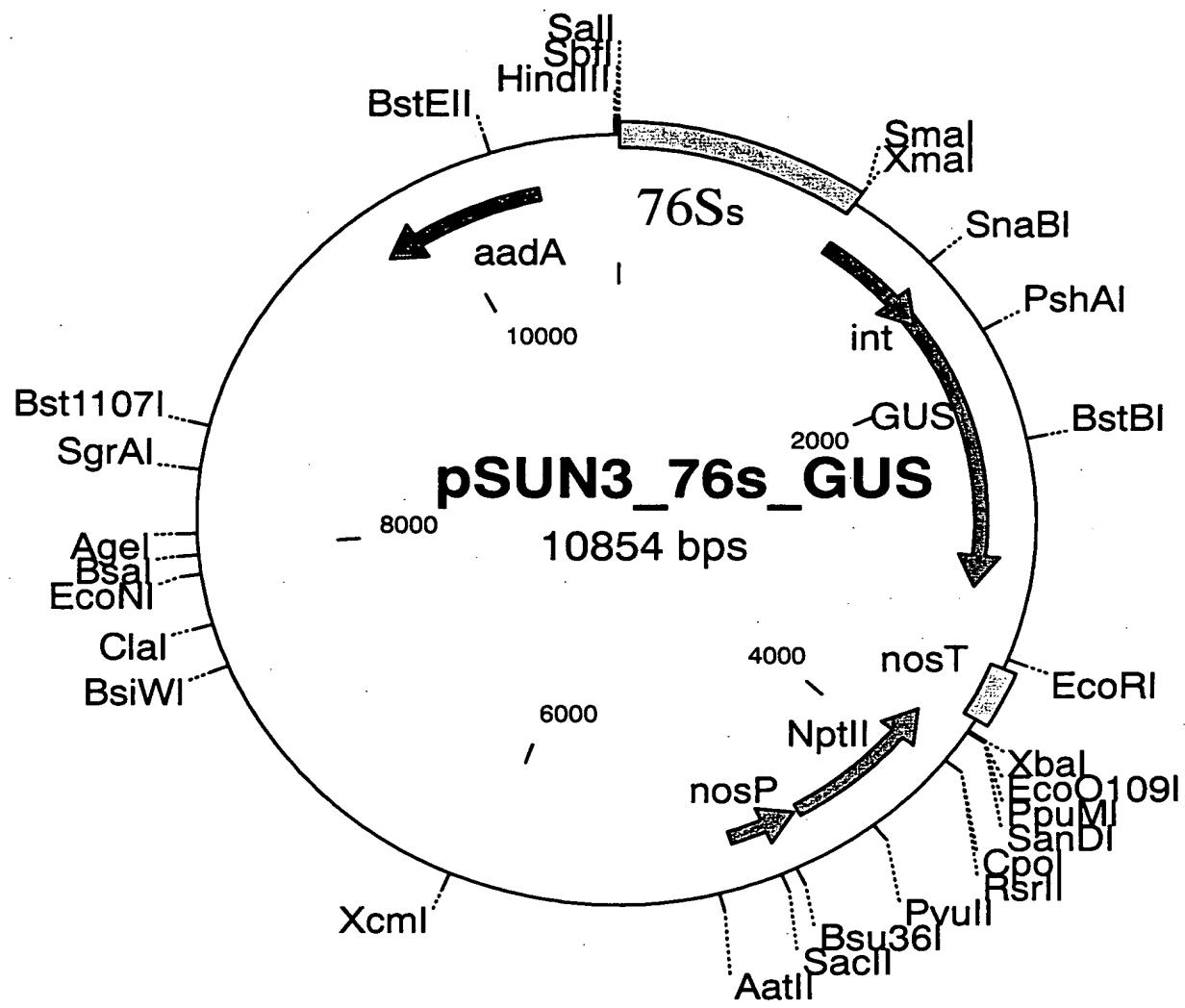


Fig. 2

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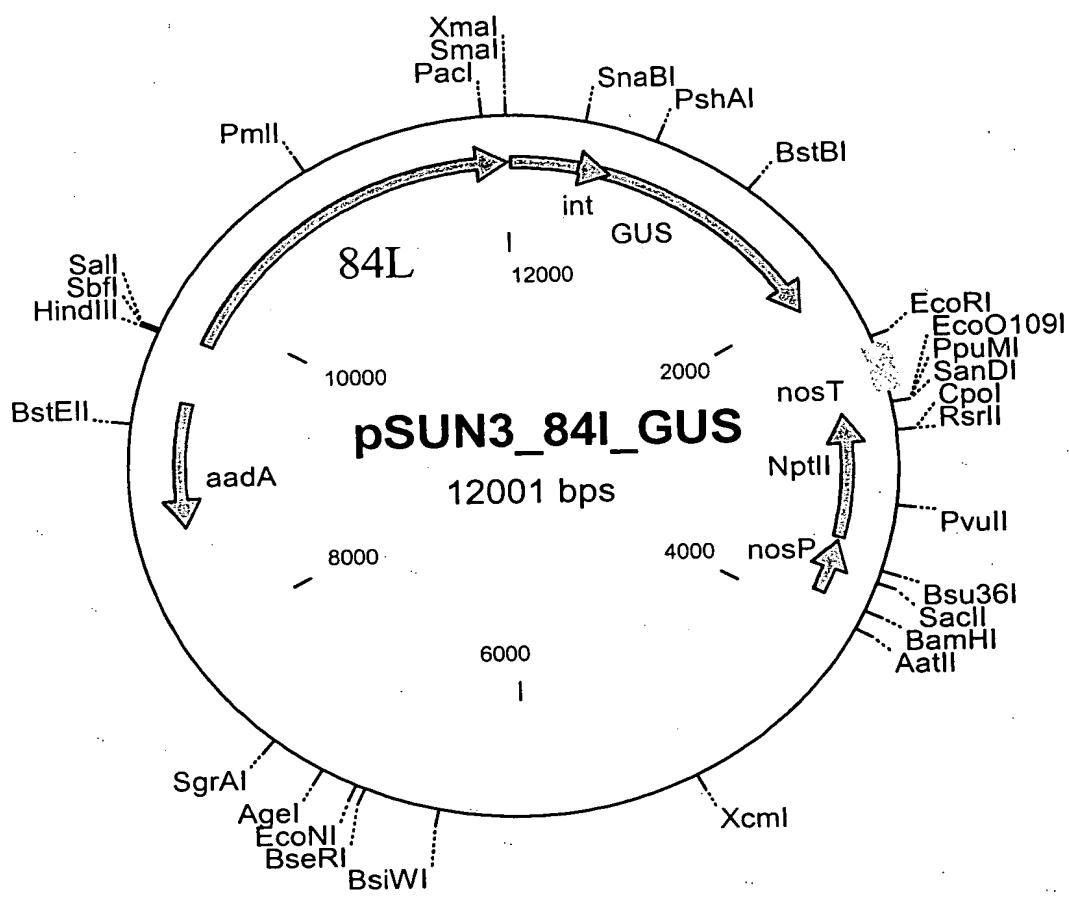


Fig. 3

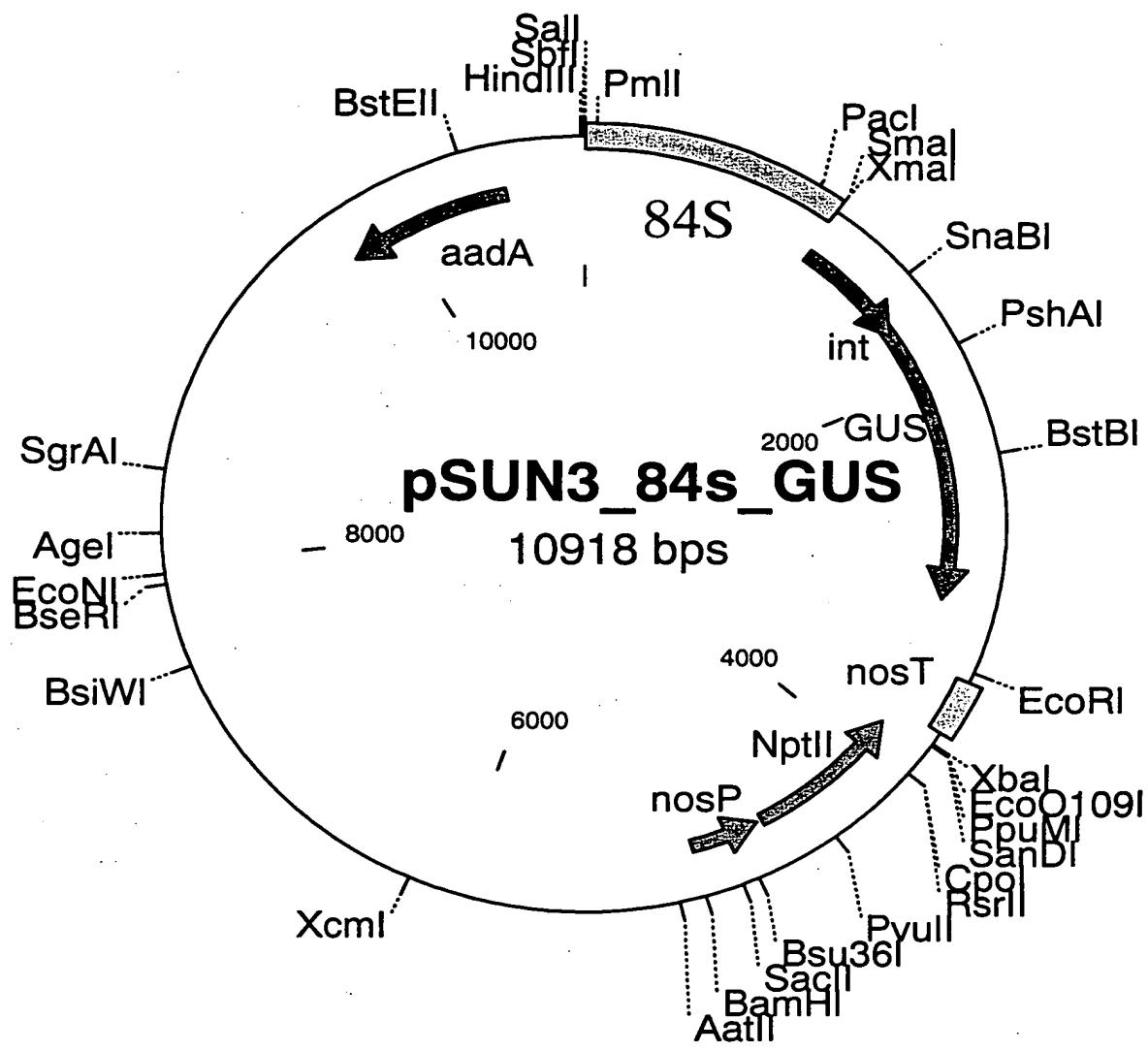


Fig. 4

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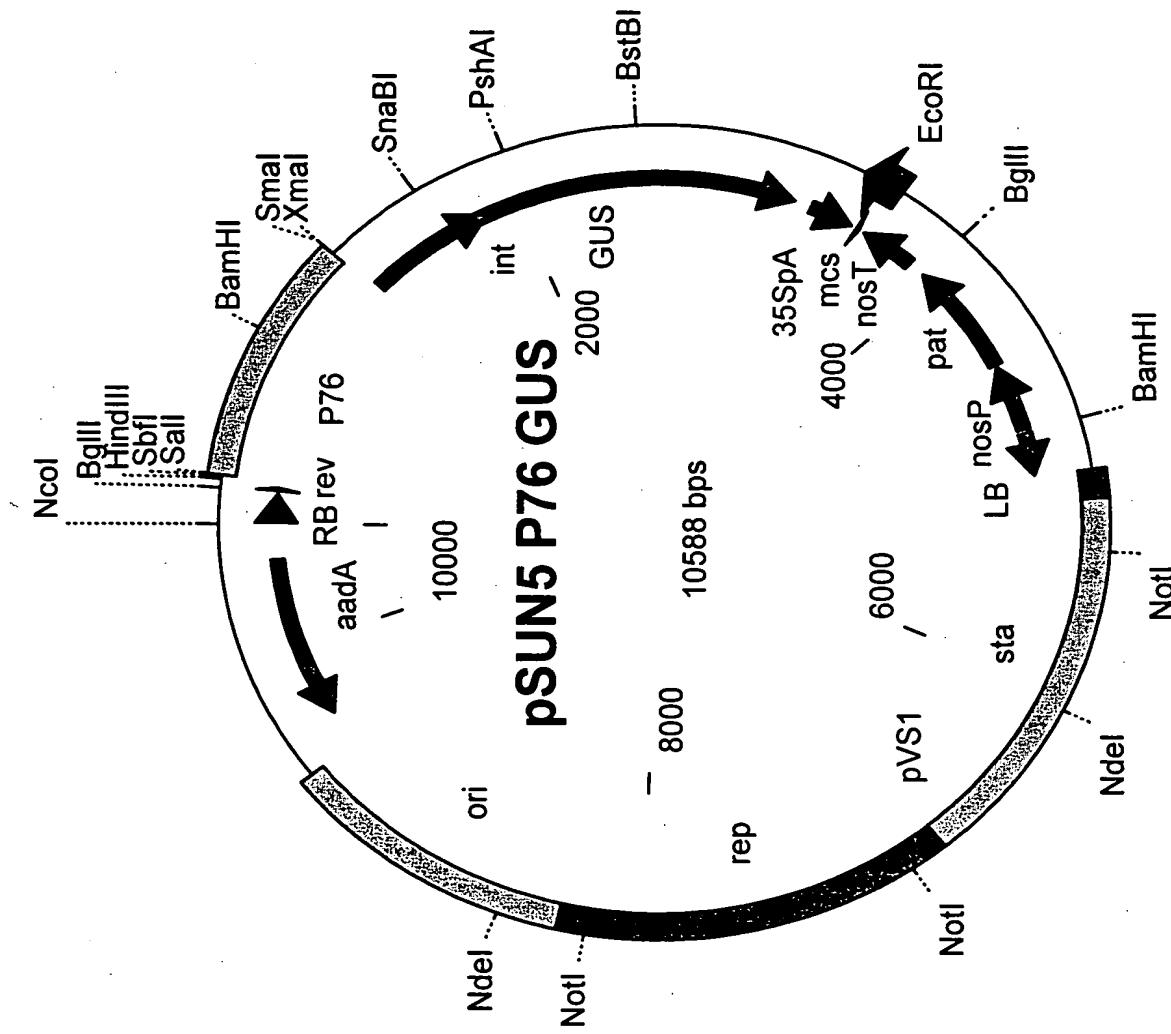
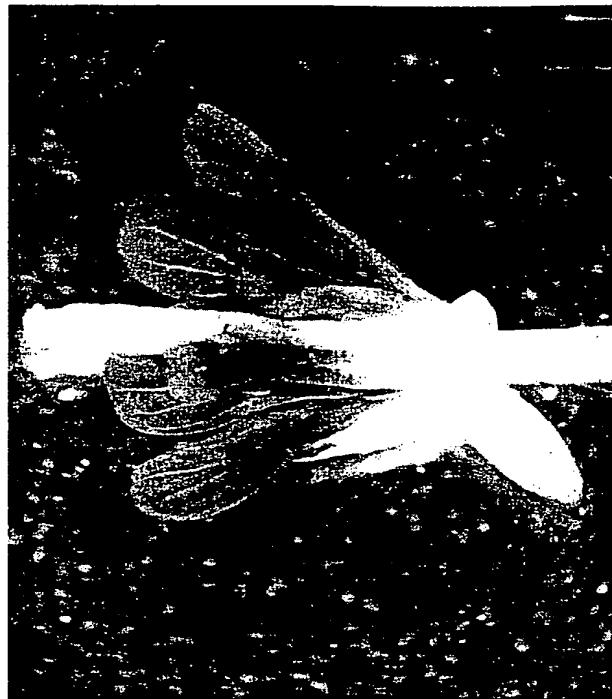


Fig. 5

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B



A

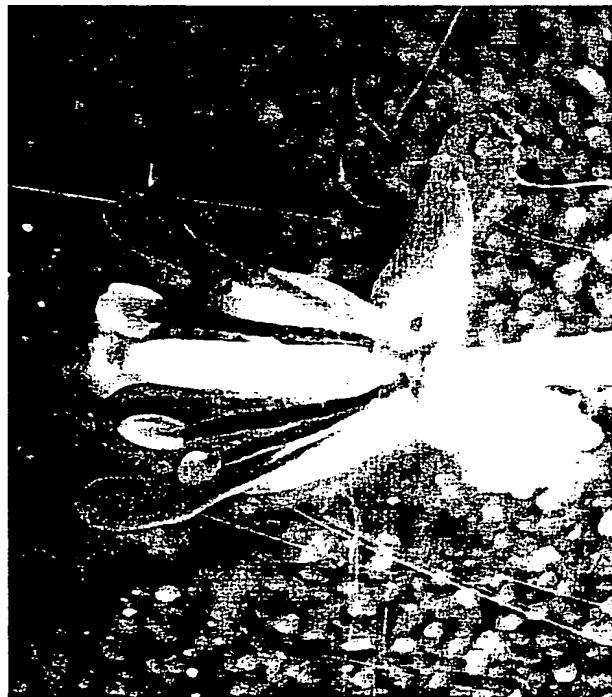


Fig. 6

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B



A



Fig. 7

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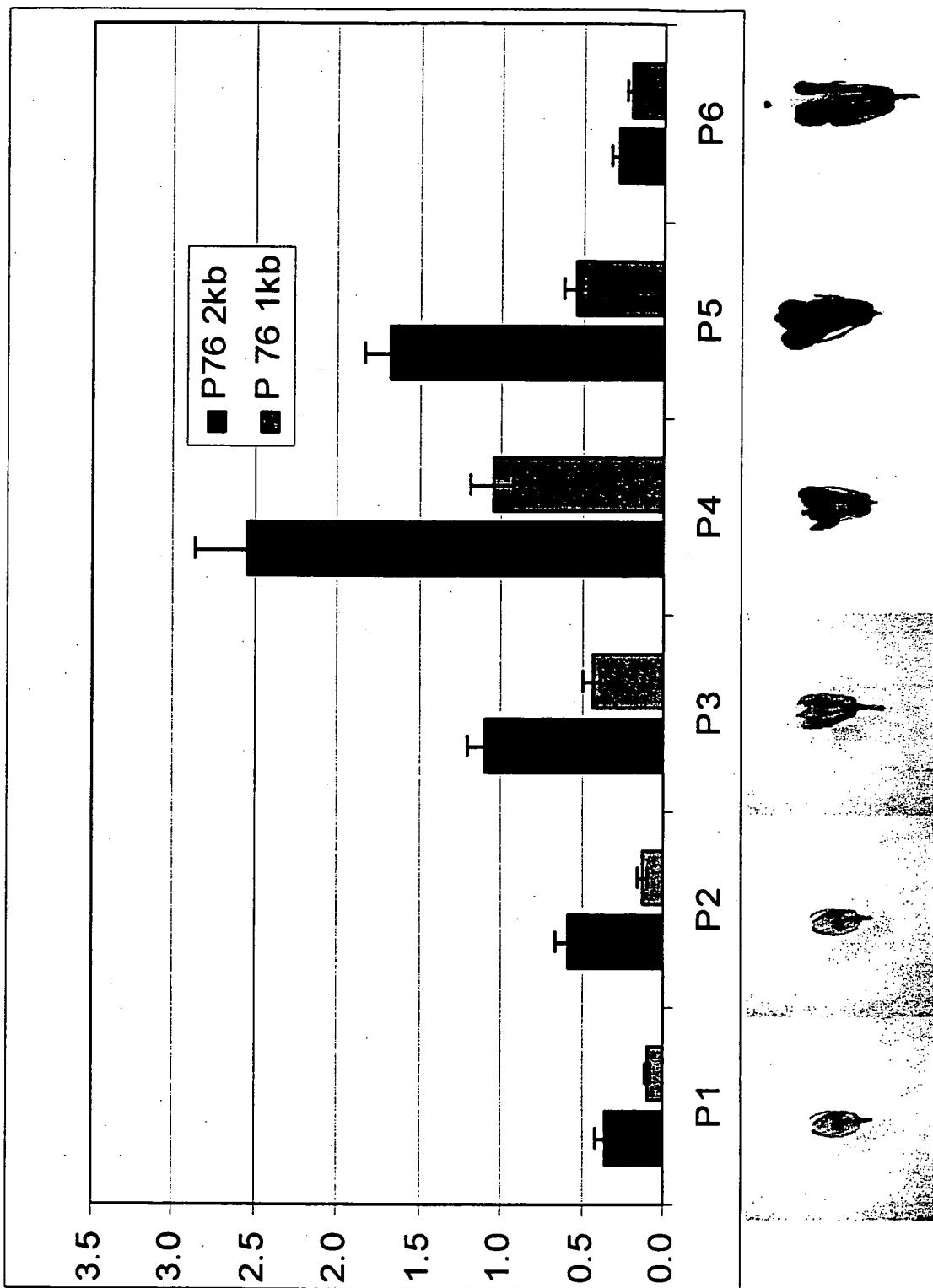


Fig. 8

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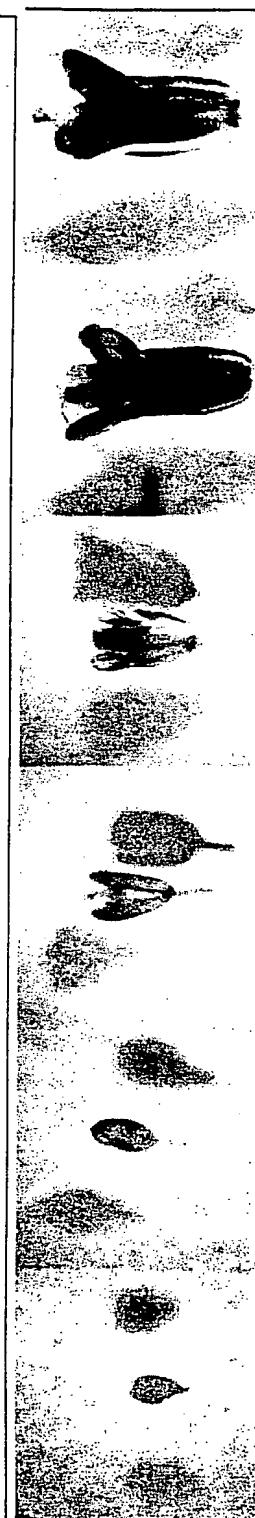
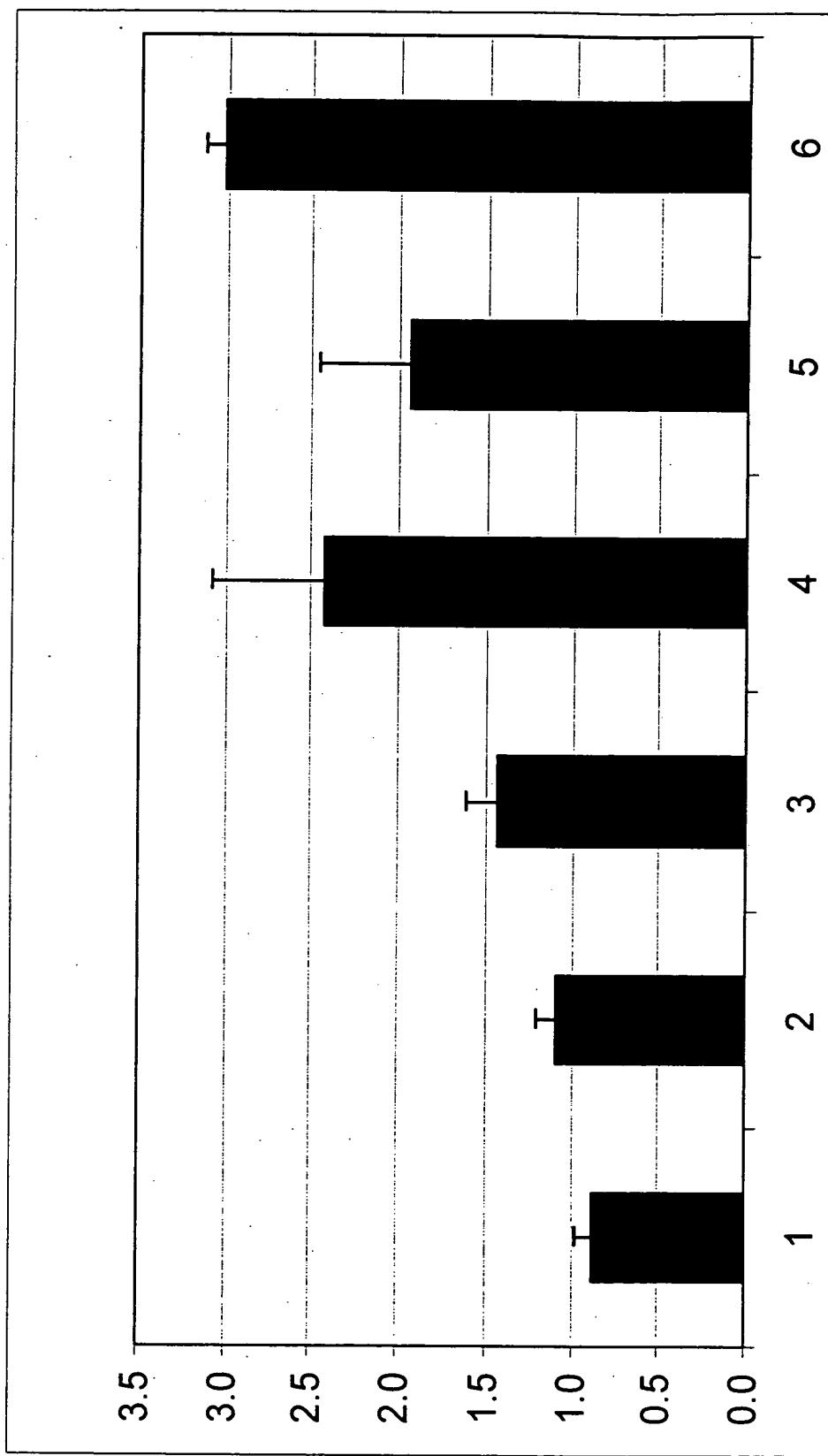
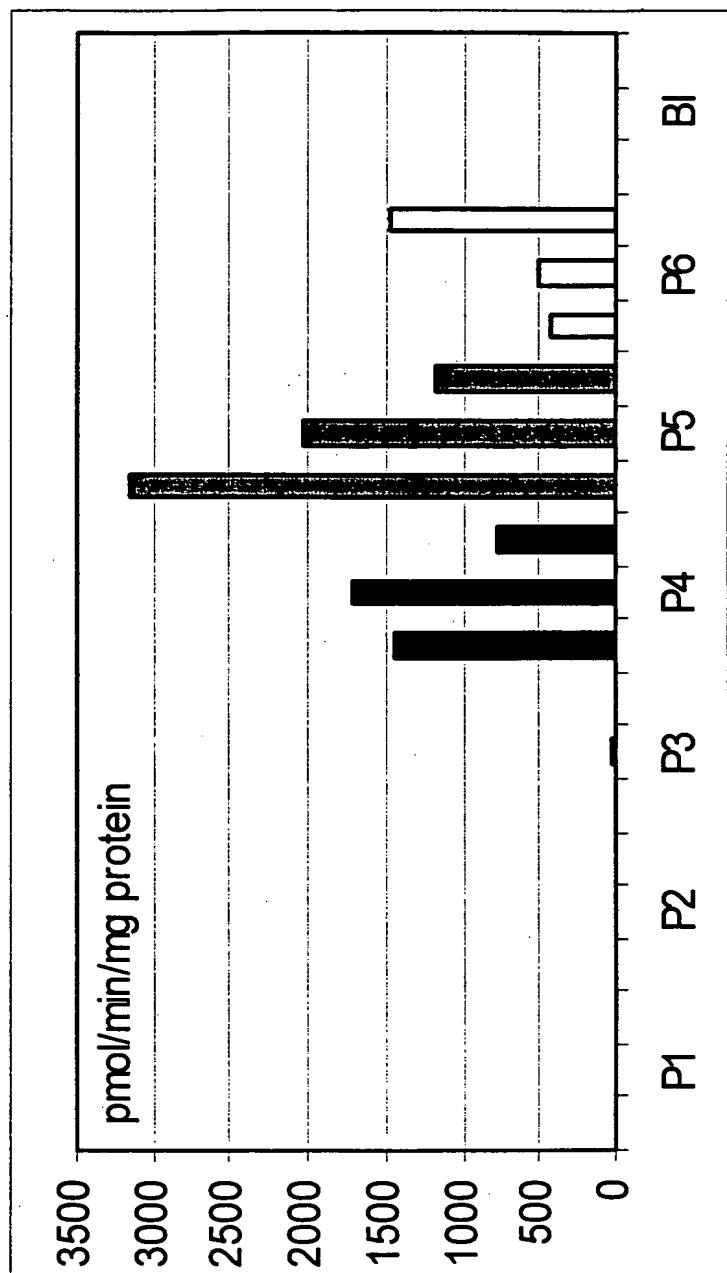


Fig. 9

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A

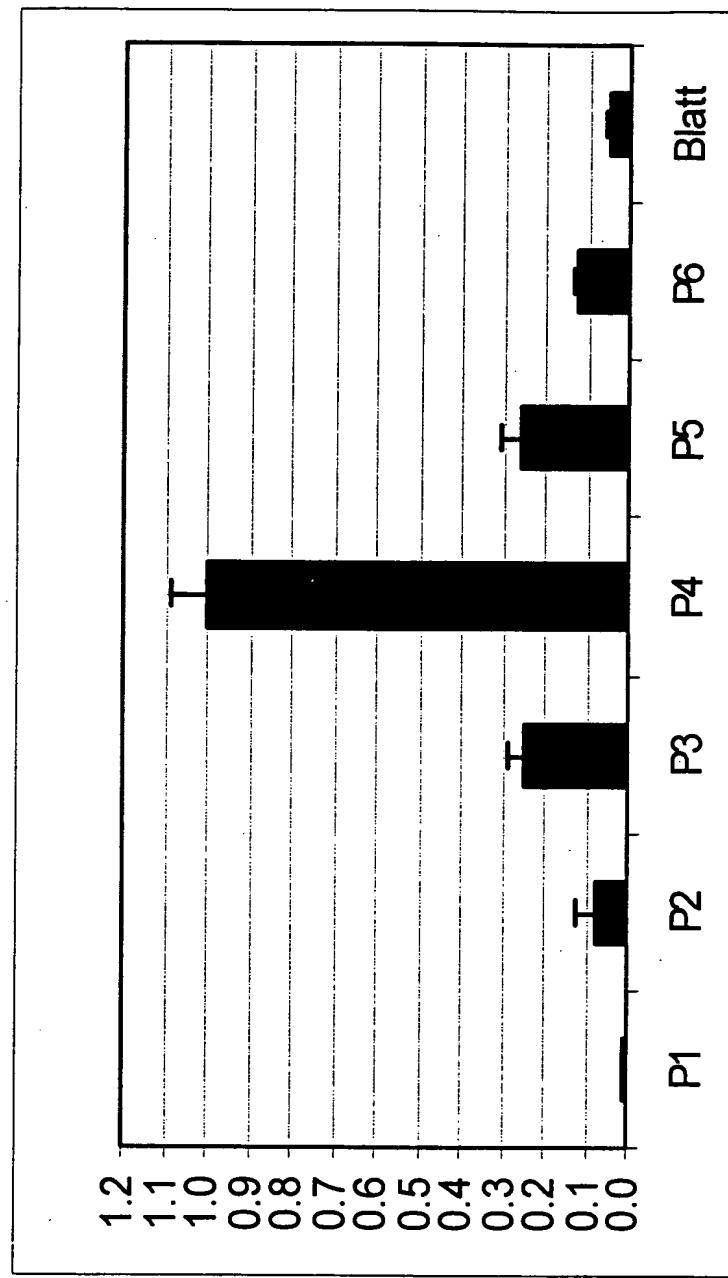


B

Fig. 10

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A



B

Fig. 11

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1
At3g01980 (1) NCFIKSYFGKMFNPAAKRVLMTSNGDEVSRNIAFHLAKHGCKLVMMGNEGLRSIVDKIRDSIEGAAFPADVIALDME
Brassica H2 (1) -----NGDEVSRNIAIQIQLAKHGCRVLGMNEASLRSTVDYIRVSVDGAAFVVELIGADME
Brassica H3 (1) EFSGRRFRTTLNLANKVLMNTDNGDQVSRNIAIQIQLAKHGCRVLGMNEASLRSTVDYIRFSDDGAAFVVELIGADME
Consensus (1) K F L A KVLMT NGDEVSRNIAIQIQLAKHGCRVLGMNEASLRSTVDYIR SIDGAAFPVELIGADME

76
77
At3g01980 (77) SDSEVAFHAAVQKAWELSGHFDALFLNSYTQGKVQDILQVSODEFHRITKINLTAPWFILLKAVATRMKDHGSGGS1
Brassica H2 (55) ADSEEDFYVAVQKAWTRLGSLDAFVNCCTYQGKMQDILRVSDEFKKITRINLTATWFILKAVASMMKENGTTGGSI
Brassica H3 (77) ADSEEDFYVAVQTAWTRLGSLDAFVNCCTYQGKMQDILRVSDEFKKITRINLTATWFILKAVASM-----
Consensus (77) ADSEEDFYVAVQKAWTRLGSLDAFVNCCTYQGKMQDILRVSDEFKKITRINLTATWFILKAVASMMKD GSGGS1

Fig. 12

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At1g63140	(1)	KYRTVETGDNIGSRKTERVYAAEPVCTFFLNRGDGIGSLATLFMVLQEVCMKPKWEHLKDMILEGKDAFTSAHGMRFFFELIG	82
Brassica H4	(1)	---RRFRGENNLTGKIQMVFYAAEPVCTLFLKIGHESGSLMSLFMVHHSQVFFETWTHLKDLIQEKGKDTFISAHGMRIFEYIG	
Brassica H5	(1)	-----AEPVCTLFLTRGDDSGTHKSLFMLLNQVFFKWTWDNLKGVIQEKGKDAFSSAHHGMPLFEYIG	
Consensus	(1)	GDN S K VYAAEPVCTLFL RGDDSGSL SLEMVLNSQVFFKWTDLKDLIQEKGKDAFSSAHHGMRIFEYIG	
	83		164
At1g63140	(83)	SNEQFAEMFNRAMSEASTLIMKKVLEVYKGFFEDVNTLVDVGIGITIIGQVTSKYPHIKGGINFDLASVLAHAPFNKGVEHVS	
Brassica H4	(80)	LNEQFACMFNHAMSESSTMIMKKKILEVYRGFEDIKTLDIGGLGTTNLVTSKYPHIRV--FRLN-----	
Brassica H5	(62)	LDEQQFAGMFNHAMAESSTIIMKKKILEVYRGFEDVNTLVDIGGLGTVNLVTSKYPOIKGGINFDLTMVLANAPSYPGV-----	
Consensus	(83)	LNEQFA MFNHAMSESSTIIMKKKILEVYRGFEDVNTLVDIGGLGTTNLVTSKYPHIKGGINFDL VLA AP GV	

Fig. 13

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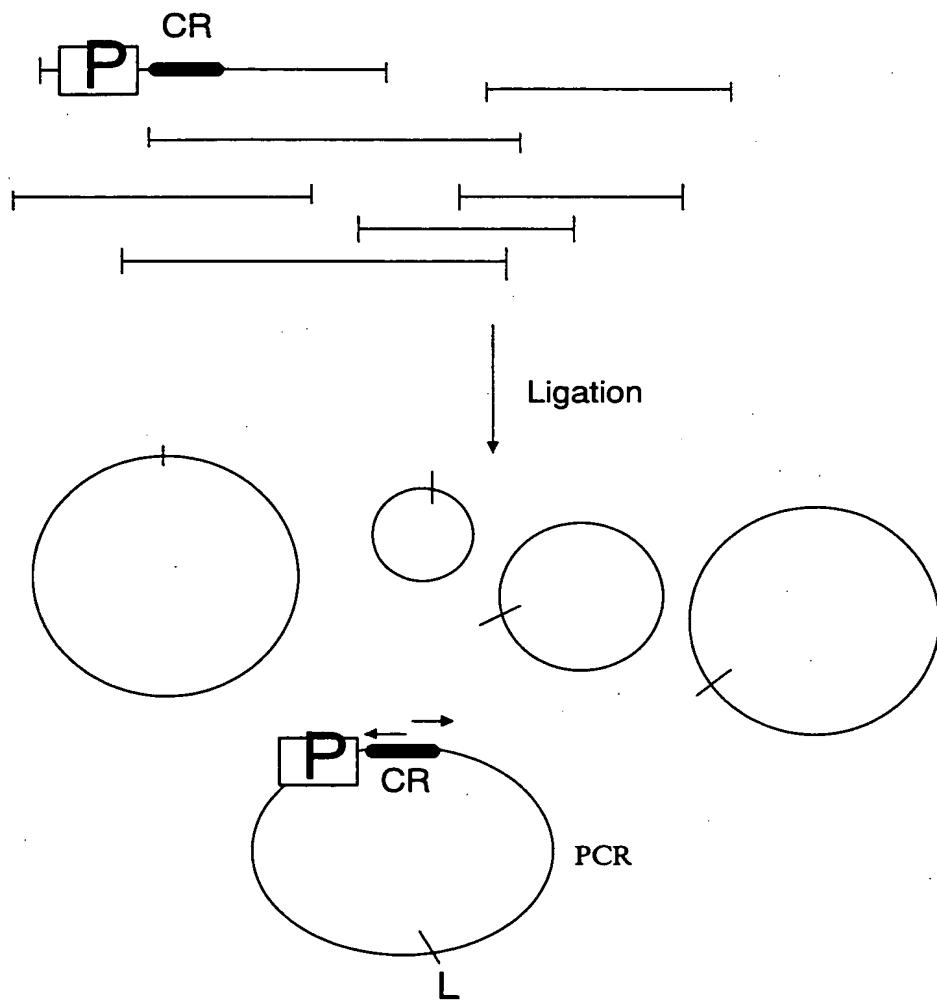


Fig. 14